

ABSTRACT

A frame-cyclic noise reduction device of an image display device, in which one field is divided into a plurality of sub-fields, and turned-on sub-fields are properly combined to provide an image with gradation. The noise reduction device detects an area where an edge portion of an image becomes unclear, i.e., where sub-field fuzziness becomes worse, and controls a cyclic amount for the area in which sub-field fuzziness becomes worse so as to be different from that for another area, thereby decreasing noise.